

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Original) A microporous polyolefin film that comprises polyethylene and polypropylene as essential components and is composed of a laminate film of two or more layers, wherein the percentage of polypropylene blended in at least one surface layer of the film is more than 50% by weight and 95% or less and the content of polyethylene in the entire film is 50% or more and 95% or less.
2. (Original) The microporous polyolefin film according to claim 1, wherein at least one layer of the laminate film is a polyethylene single layer film.
3. (Currently amended) The microporous polyolefin film according to claim 1 [[or 2]], wherein the laminate film is made up of three layers.
4. (Currently amended) The microporous polyolefin film according to claim 1, 2 [[or]], 3 or 18, wherein each of the layers that make up the laminate film has a three-dimensional network.
5. (Currently amended) The microporous polyolefin film according to claim 1, 2 [[or]], 3 or 18, wherein the proportion of the thickness of the layer in which the percentage of propylene blended is more than 50% by weight and 95% or less is 1.5% or more and 35% or less of the entire film thickness.
6. (Currently amended) The microporous polyolefin film according to claim 1, 2 [[or]], 3 or 18, wherein the average pore diameter is 0.02 μm or more and 1 μm or less.

7. (Currently amended) The microporous polyolefin film according to claim 1, 2 ~~[[or]]~~, 3 or 18, wherein the shutdown temperature at the time of high speed heat-up is lower than 150°C and the short-circuit temperature at the time of high speed heat-up is 190°C or higher.
8. (Currently amended) The microporous polyolefin film according to claim 1, 2 ~~[[or]]~~, 3 or 18, wherein the high temperature puncture strength is 0.005 N/μm or more.
9. (Original) A lithium-ion battery separator, comprising a microporous polyolefin film that comprises polyethylene and polypropylene as essential components and is composed of a laminate film of two or more layers, wherein the percentage of polypropylene blended in at least one surface layer of the film is more than 50% by weight and 95% or less and the content of polyethylene in the entire film is 50% or more and 95% or less.
10. (Original) The lithium-ion battery separator according to claim 9, wherein at least one layer of the laminate film is a polyethylene single layer film.
11. (Currently amended) The lithium-ion battery separator according to claim 9 ~~or 10~~, wherein the laminate film is made up of three layers.
12. (Currently amended) The lithium-ion battery separator according to claim 9, 10 ~~[[or]]~~, 11 or 19, wherein each of the layers that make up the laminate film has a three-dimensional network.
13. (Currently amended) The lithium-ion battery separator according to claim 9, 10 ~~[[or]]~~, 11 or 19, wherein the proportion of the thickness of the layer in which the percentage of propylene blended is more than 50% by weight and 95% or less is 1.5% or more and 35% or less of the entire film thickness.

14. (Currently amended) The lithium-ion battery separator according to claim 9, 10 ~~[[or]]~~, 11 or 19, wherein the average pore diameter of the microporous polyolefin film is 0.02 μm or more and 1 μm or less.

15. (Currently amended) The lithium-ion battery separator according to claim 9, 10 ~~[[or]]~~, 11 or 19, wherein the shutdown temperature at the time of high speed heat-up is lower than 150°C and the short-circuit temperature at the time of high speed heat-up is 190°C or higher.

16. (Currently amended) The lithium-ion battery separator according to claim 9, 10 ~~[[or]]~~, 11 or 19, wherein the high temperature puncture strength of the microporous polyolefin film is 0.005 N/ μm or more.

17. (Original) A lithium-ion battery separator, comprising a microporous polyolefin film whose degree of blackening is 5% or less.

18. (New) The microporous polyolefin film according to claim 1, wherein at least one layer of the laminate film is a polyethylene single layer film and the laminate film is made up of three layers.

19. (New) The lithium-ion battery separator according to claim 9, wherein at least one layer of the laminate film is a polyethylene single layer film and the laminate film is made up of three layers